ABSTRACT

This invention provides substituted pyrimido-pyrimidines that are useful for treating cell proliferative disorders, such as cancer and restenosis, as well as angiogenesis and atherosclerosis. The invention compounds have Formula I:

$$\begin{array}{c|c}
R^8 & R^9 \\
R^1 - W & N & N \\
R^2 & X
\end{array}$$

where

W is NH, S, SO, or SO₂,

R¹ includes alkyl, cycloalkyl, phenyl, substituted phenyl, heteroaryl and substituted heteroaryl;

R² includes alkyl, cycloalkyl, phenyl and substituted phenyl;

R³ includes alkyl and aryl such as phenyl and substituted phenyl;

R⁸ and R⁹ include hydrogen and alkyl, and the pharmaceutically acceptable salts thereof.

The invention also provides pharmaceutical formulations comprising a compound of Formula I together with a pharmaceutically acceptable carrier, diluent, or excipient therefor, and a method for treating angiogenesis using said compounds.